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CIA-RDP86-00513R001240610004-3

14

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CIA-RDP86-00513R001240610004-3"

PEPROVA, S.V., inzh.

Weight specialization of classification tracks. Zhel. dor. transp.
41 no. 4:44-48 Ap '59. (MIRA 12:6)
(Railroads--Yards)

11-718-11
CHEMODANOV, D.I.; GAVRILOVA, Z.Ya.; PETROVA, S.V.

Investigating autoclaved silicate materials having a loam base.
Sbor.mauch.trud.TISI 1:3-7 '56. (MIRA 10:12)
(Silicates--Testing) (Clay)

L 06541-67 EWT(m) DJ

ACC NR: AP6019754

(A)

SOURCE CODE: UR/0113/66/000/006/0004/0006

AUTHOR: Mikulin, Yu. V. (Candidate of technical sciences); Smirnov, M. S. (Candidate of technical sciences); Lozar', A. S.; Petrova, S. V.; Karnitskiy, V. V.

ORG: none

TITLE: Possibility of decreasing diesel starting wear during the winter

SOURCE: Avtomobil'naya promyshlennost', no. 6, 1966, 4-6

TOPIC TAGS: diesel engine, lubricant, lubricant additive, diesel fuel, lubricating oil, ENGINE, STARTER SYSTEM, ENGINE PERFORMANCE CHARACTERISTIC

ABSTRACT: Diesel-engine wear during low-temperature starts is analyzed, and a table is presented listing various Soviet cities, their average temperatures, and the wear on cylinder sleeves during the year at these temperatures. All of the experiments were conducted using a ZD-6, a 6-cylinder, 4-cycle diesel engine with direct fuel injection; the engine develops 150 hp at 1500 rpm. Starting wear on a diesel engine in summer and winter demonstrated the expediency of using a special starting fluid and low-viscosity, thickened oils for cold starts. Cold starting of the engine significantly facilitates diesel operation at low temperatures and does not increase normal wear. For cold starts in winter, a special starting fluid based on DA GOST 4749-49 arctic diesel fuel and low-viscosity, thickened MT-14p oil, diluted with ~15% diesel fuel, are recommended. In summer, DL GOST 4749-49 fuel and MS-20 with a 3%

Card 1/2

UDC: 621.431.73:620.178

L 06541-67

ACC NR: AP6019754

admixture of TsIATIM-339¹¹ are recommended. The greatest wear is during the first few minutes of operation; in areas with below zero average temperatures, it will be above 15 μ and in the areas with above zero average temperatures it will be below 15 μ . Orig. art. has. 5 figures and 1 table. [WH];

SUB CODE: 21 / SUBM DATE: none/ ORIG REF: 004/ OTH REF: 001

Card

2/2

DZYSYUK, A.A., inzh.; KALININA, N.M., tekhnik; KOSTRIKIN, Yu.M., kand. tekhn.
nauk.; PETROVA, S.Yu., tekhnik; RUMYANTSEVA, V.A., inzh.; YBOLITVA,
A.D., tekhnik; SUTERN, G.M., inzh.; SHCHERBINA, S.D., inzh.

New chemical water analysis techniques. Elek. sta. 38 no. 7:31-34
Jl '64. (MIRA 17:11)

PETROVA, Stella Vladimirevna.

VINOGRADOV, Ivan Mikhaylovich; PETROVA, Stella Vladimirevna; SOSULINA, V.N.,
redaktor; EL'KINA, E.M., tekhnicheskiy redaktor.

[Technique of sewing men's suits and coats] Tekhnologiya peshiva
muzhskikh kostiumov i pal'to. Moskva, Gos. nauchno-tekhnicheskoe
izd-vo Ministerstva tekstil'noi promyshlennosti SSSR, 1955. 141 p.
(Men's clothing) (MLRA 9:4)

PETROVA, T.

Morbidity of tuberculosis in the region of the 4th Antituberculosis Clinic during 1957 in BCG-vaccinated and not vaccinated subjects. *Suvrem med.*, Sofia no.11:60-69 '60.

1. Iz Nauchno-izsledovatel'skii institut po tuberkuloza, Sofia
(Direktor T.Sharkov)
(BCG VACCINATION statist)

PETROVA, T.; BORISOV, B.

The case is not closed yet.... Ochr. truda i sots. strakh. 3 no.8:
40-42 Ag '60. (MIRA 13:9)

(Labor disputes)

PETROVA, T., jurist

What are considered work-connected injury and occupational illness
in the granting of social insurance payments. Okhr. truda i sots
strakh. 5 no.2:42-43 F '62. (MIRA 15:1
(Employers' liability)

PETROVA, T., starshiy nauchnyy sotrudnik

Forecasting outbreaks of the cutworm *Euxoa segetum* Schiff.
Zashch. rast. ot vred. i bol. 10 no.8:42 '66.

(MIRA 18:11)

1. Voronezhskaya stantsiya Vsesoyuznogo nauchno-issledovatel'skogo instituta zashchity rasteniy.

PETROVA, T.

Renting equipment for household use and lightening housework.
Sots. trud 6 no. 1:129-131 Ja 1-1. (MIRA 14:1)

1. Nachal'nik revizionnogo otela: Upravleniya bytovogo obsluzhivaniya
ispolkoma Leningorsoveta.
(Leningrad--renting of equipment, etc.)

PETROVA, T.

Atlas of world resources. Bind. SWO LGU no. 1:92-100 15p.
(MIRA 12:6)
(Geography, Economic--Maps)

PETROVA, Tsvetana

Right and sure with first steps. Rationalization 13
no. 813-15 113.

PETROVA, T.A.

Method of obtaining fine abrasive materials for the preparation
of polished sections. Geol.rud.mestorozh. no.3:104-109 My-Je
'61. (MIRA 14:6)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralogii i geokhimii AN SSSR, Moskva.
(Rocks—Analysis)

PA. T. A.

PA. T. A.: "Material" in the "Journal of the Lower..."
Institute State Medical Inst. of the USSR for the degree of Candidate
of Medical Sciences

CC: university, N. 40, 1954

SYCHEVSKAYA, V.I.; PETROVA, T.A.

Role of flies in the distribution of helminth eggs in Uzbekistan
[with summary in English]. Zool. zhur. 37 no.4:563-569 Ap '58.
(MIRA 11:5)

1. Uzbekistanskiy institut malyarii i meditsinskoy parazitologii
i Bukharskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya,
Samarkand.

(Uzbekistan--Worms, Intestinal and Parasitic)
(Flies as carriers of disease)

PETROVA, T.A., kand.med.nauk

Case of myeloma of the lower jaw. Stomatologiya 38 no.4:55-57 J1-Ag '59.
(MIRA 12:12)

1. Iz kafedry khirurgicheskoy stomatologii (zav. - dotsent K.K. Alkalayev) Irkutskogo meditsinskogo instituta (dir. - prof. A.I. Nikitin).
(MARROW--TUMORS) (JAWS--DISEASES)

ALKALAYEV, K.K., dotsent; PETROVA, T.A., kand.med.nauk

Treatment of ankylosis of the temporomandibular joint. Stomatologiya
38 no.5:29 S-O '59. (MIRA 13:3)

1. Iz kafedry khirurgicheskoy stomatologii (zaveduyushchiy - dotsent
K.K. Alkalayev) Irkutskogo meditsinskogo instituta (direktor - prof.
A.I. Nikitin).

(TEMPOROMANDIBULAR JOINT--ANKYLOSIS)

PETROVA, T.A., kand.med.nauk

Death following subcutaneous oxygen injection. Stomatologiya 38
no.5:68-69 S-O '59. (MIRA 13:3)

1. Iz kafedry khirurgicheskoy stomatologii (zaveduyushchiy - dotsent
K.K. Alkalayev) Irkutskogo meditsinskogo instituta.
(OXYGEN--TOXICOLOGY) (EMBOLISM)

PETROVA, T.A., kand.med.nauk

Treatment of furuncles and carbuncles of the face and neck by
local hypothermia. Stomatologiya 40 no.4:56-58 Jl-Ag '61.
(MIRA 14:11)

1. Iz kafedry khirurgicheskoy stomatologii (zav. - dotsent K.K.
Alkalayev) Irkutskogo meditsinskogo instituta (dir. - prof. A.I.
Nikitin).

(HYPOTHERMIA) (CARBUNCLE) (FURUNCLE)

ACC NR: AT6036558

SOURCE CODE: UR/0000/66/000/000/0162/0163

7

AUTHOR: Yegorov, P. I.; Dupik, V. S.; Yermakova, N. P.; Korotayev, M. H.;
Kochina, Ye. N.; Mikhaylovskiy, G. P.; Neumyvakin, I. P.; Petrova, T. A.;
Reutova, M. B.; Filatova, L. M.; Tsyanova, N. I.; Yakovleva, I. Ya.

ORG: none

TITLE: The effect of hypokinesia and homogenized food rations on the functional state of the human organism [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24 to 27 May 1966]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 162-163

TOPIC TAGS: isolation test, hypodynamia, human physiology, space physiology, cardiovascular system, space nutrition

ABSTRACT: For a period of 7 days, four specially chosen healthy subjects 21--29 years old lay flat in bed under conditions of limited isolation. Two of the subjects received a special ration of homogenized foods, while the other two received a ration identical in calorie content (2200 kcal) and chemical composition, but prepared by ordinary cooking methods. Water consumption was unlimited.

Card 1/3

ACC NR: AT6036558

In the course of the experiment, respiratory volume and vital capacity decreased in all subjects; the subjects receiving the special rations showed a more pronounced increase in oxygen consumption and consequently in basal metabolism level.

Cardiovascular system changes were seen in the EKG's of all subjects (decreased voltage of R and T peaks, bradycardia, and rotation of the axis to the right), and persisted more than 12 days after the experiment.

Hemodynamic studies using N. N. Savitskiy's method revealed a decrease in the speed of pulse wave propagation along arteries of the muscular type, and changes in peripheral resistance and blood minute volume. Disturbances of intranasal circulation were revealed by the rhinopneumometry method. These shifts in vascular tonus were more pronounced in the group receiving special food rations.

Following the experiment all the subjects exhibited orthostatic weakness, and in the two subjects receiving the special food ration, an active orthostatic test involving standing for 30 min induced collapse (on the 3rd and 23rd min of the test).

Card 2/3

ACC NR: AT6036558

Pronounced functional shifts of a transient nature were noted in the gastrointestinal tract (diminished gastric secretion after the experiment in the group receiving special rations; and changes in protein, carbohydrate, and cholesterol metabolism, and impairment of the bilirubin-excretory function of the liver in all subjects).

After the experiment all subjects showed a weight loss of up to 3350 kg, although disturbances of kidney function took the form of decreased diuresis, decreased creatinine clearance, and impaired water excretion during water loading tests.

Changes in mineral metabolism during the experiment consisted of increases in the blood plasma levels of potassium and calcium in all subjects, and toward the end of the experiment, decreased chlorides in the 24-hr urine of the subjects receiving special rations.

Audiometry revealed neurodynamic disturbances of the functional state of the auditory analyzer (asymmetry and elevation of differential thresholds of sound intensity and height).

A change was noted in the level of the dark adaptation curve. A considerable increase in light sensitivity in the 60th min was noted in the subjects receiving ordinary food, and a lesser increase in the subjects receiving special rations. Analysis of nyctograms taken during the initial period of dark adaptation showed no substantial shifts. [W.A. No. 22; ATD Report 66-116]

SUB CODE: 06 / SUBM DATE: 00May66

Cord 3/3

L 08137-67 EWT(m)/EWP(v)/EWP(j) IJP(c) WW/RM

ACC NR: AP6029270

(A)

SOURCE CODE: UR/0323/66/000/003/0038/0042

AUTHOR: Kotov, M. P. (Doctor of Technical Sciences, Professor); Sorokina, N. S. (Candidate of Chemical Sciences, Docent); Kharlashkin, V. I. (Engineer); Kuz'mina, V. I. (Engineer); Petrova, T. A. (Engineer); Bulgakov, P. M. (Engineer)

ORG: Kiev Technological Institute for Light Industry (Kiyevskiy tekhnologicheskii institut legkoy promyshlennosti)

TITLE: Technological conditions for preparing and applying thermoplastic adhesive KTILOL-11 in beading parts of shoe uppers

SOURCE: IVUZ. Tekhnologiya legkoy promyshlennosti, no. 3, 1966, 38-42

TOPIC TAGS: *THERMOPLASTIC MATERIAL*, footgear, adhesive, water repellant lubricant / KTILOL-11 ADHESIVE

ABSTRACT: The new adhesive KTILOL-11 is prepared by mixing and heating to 190-200°C 50% polyamide 54 with 18-30% modified alkyd, 4-8% plasticizer KPT and 27-18% novolac type phenol-formaldehyde resin. The alkyd is previously modified by heating, with removal of water, to an acid number not over 30 and a melting point not below 60°. Such compositions containing no more than 24% alkyd and 6% plasticizer are suitable for making adhesive coated strands which can be coiled without sticking. The adhesive-coated threads of 1.0-1.2 x 10⁻³ m diameter were made by passing cotton thread through the molten adhesive and through a die. Various waterproofing compositions were tried

Card 1/2

L 08137-67

ACC NR: AP6029270

to keep the threads from sticking during storage. A 5% solution of stearic acid in mixed solvent (5 parts by weight mineral oil, 95 kerosene) prevented sticking for two days; coating with mineral oil alone also helped somewhat. Other precautions in making the adhesive-coated strands: the resin composition should not be overheated during preparation; sufficient time for cooling the adhesive on the thread is needed—the take-up spool should be not less than 2 meters from the die; optimum rate is 20-25 rev/min. L. N. Zavel'gel'skii, Senior Engineer of the "Burevestnik" factory took part in the work. Orig. art. has: 2 tables.

SUB CODE: 11, 13/ SUBM DATE: 20Jan66/ ORIG REF: 004

Cord 2/2 nat

PETROVA, T.D., uchitel'nitsa

Preparing casts of fruits out of dough. Biol. v shkole no.2:92-93
Mr-Ap '61. (MIRA 14:3)

1. Shkola No. 458 g. Moskvyy.
(Artificial fruit)

GORELIK, I.G. [deceased]; GOKHMAN, Ye.V.; PETROVA, T.D.; TUVSKAYA, N.I.;
ROMANOVA, P.M.; TSYRLIN, L.M., red.; KHUTORSKAYA, Ye.S., red. izd-
va; ISLENT'YEVA, P.G., tekhn. red.

[Ferrous metallurgy in capitalist countries; statistical handbook]
Chernaia metallurgiya kapitalisticheskikh stran; statisticheskii
spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po cherno
i tsvetnoi metallurgii, 1961. 368 p. (MIRA 14:11)

1. Moscow. Tsentral'nyy institut informatsii chernoy metallurgii.
(Iron industry—Statistics) (Steel industry—Statistics)

PETROVA, T.D., referent.

Metallurgical plant in Ravenscrag. Biul. TSNIICM no. 4:60 '58.
(Great Britain--Metallurgical plants) (MIRA 11:5)

GOKHMAN, Ye.V.; GORELIK, I.G. [deceased]; PETEROVA, T.D.; TOLSTAYA,
M.I.; ROMALOVA, E.N.; NARODNYAYA, I.N.; TURELIN, L.M.,
red.

[Ferrous metallurgy of capitalist countries; a statistical
manual] Chernaia metallurgiya kapitalisticheskikh stran;
statisticheskii spravochnik. [By E.V. Gokhman i dr. Izd. 3.,
dop. Moskva, 1964. 335 p. (MIRA 18:4)]

1. Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut
informatsii i tekhniko-ekonomicheskikh issledovaniy chernoy
metallurgii.

YAKOBSON, G.G.; GIBIKOV, V.N.; KITEVA, T.D.; VAKHIN, N.N., mladshi.

Aromatic fluorine derivatives. 1. 1,1,1-trifluoro-2,2,2-trichloro-
acid. Jour. S. Afr. Inst. Technol. 1964, 1, 1.

UFA 1964.

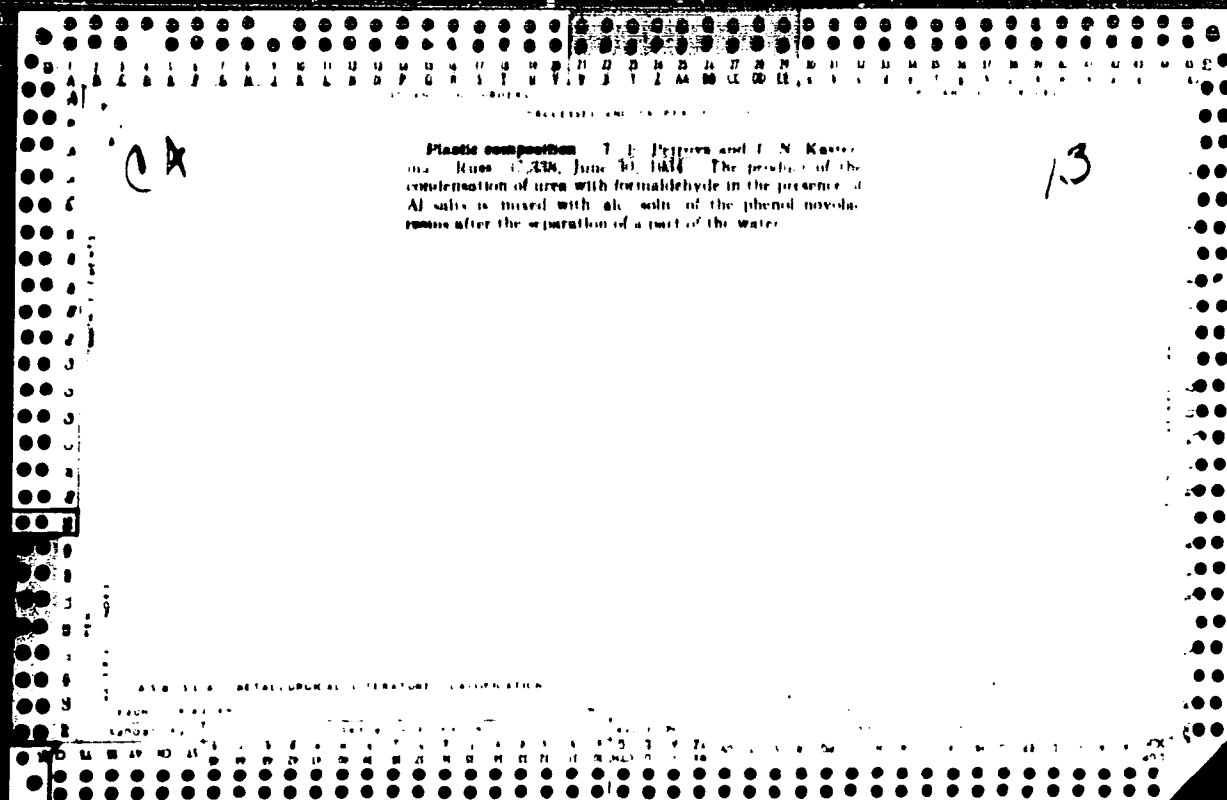
1. Novostirnoy material. Novostirnoy material. Novostirnoy material.
1964.

YAKOBSON, G.G.; PETROVA, T.I.; KANT, L.I.; SAVYENKO, T.I.; PETROV, A.K.;
VOROFETSOV, N.N., ~~Bladshiy~~

Production of fluorinated heterocyclic compounds from hexafluorobenzene. Dokl. AN SSSR 158 no.4:926-928 1964.

MILK, T.I.

1. Novosibirskiy Institut organicheskoy khimii Sibirskoy Akad. Nauk AN SSSR. ... koren-sorrespondent AN SSSR dlya Vorozhda. ...



LARIN, N.A.; MATVEYEV, Ye.M.; KOTLYAR, E.I.

Synthesis of some polyarylate-5a-acrylonitrile copolymers. Dokl.
Obshch. khim. 3, no. 3, 1964, 1117-1118, 1117-1118.

TIMOFEYEV, Z.A.; PETROVA, T.G.

Physical and mechanical properties of braces for supporting electric
measuring instruments. Izv. vuz. no.2:30-32 P '61. (MIRA 14:2)
(Electric instruments)

LIKHACHEV, V.A.; PETROVA, T.G.; ANDRUSYEV, I.V.

Irreversible change in the dimensions of cadmium samples subjected to a periodic thermal treatment. Nauch.tekh.inform.
biul.LPI no.12:44-55 '58. (MIRA 13:2)
(Cadmium--Thermal properties)

PETROVA, Tamara Georgiyevna, inzh.; TIMOFEYeva, Z.A., kand. tekhn. nauk, red.; GRIGOR'YEVA, I.S., red.izd-va; BELOGUROVA, I.A., tekhn. red.

[Achievements of Leningrad instrument designers]Uspekhi pri-
borostroitelei Leningrada; itogi konkursa LONTOPriborprom za
1961 g. Pod red. Z.A.Timofeevoi. Moskva, 1962. 16 p. (Le-
ningradskii dom nauchno-tekhnicheskoi propagandy. Obmen pere-
dovym opytom. Seriya: Pribory i elementy avtomatiki, no.7)
(MIRA 15:11)

(Leningrad—Instruments—Technological innovations)

157/11A
AFANAS'YEV, Vasilii Vladimirovich; GREYNER, Leonid Karlovich, NOVIKOV, Solomon Mikhaylovich; MAKAROVA, Nina Arkad'yevna; STUKALOVA, Antonina Ivanovna, TARASOV, Viktor Konstantinovich, FILIPPOV, Yuriy Alesandro-
vich; PETROVA, T.G.; AFANAS'YEV, V.V., red.; ZABRODINA, A.A., tekhn.
red.

[High-frequency switches; training tables] Kommutatsionnye apparaty
vysokogo napriazheniya; uchebnye tablitsy. Moskva, Gos. energ. izd-
vo, 1957. 43 p. and 15 plates (in portfolio) (MIRA 11:3)
(Electric switchgear)

UVAROV, S.F., glavnyy red.; POPOV, A.S., red.; D'YAKONENKO, V.M., red.;
GROSMAN, S.M., red.; PETROVA, T.G., red.; KOLESNIKOV, F.M., red.;
KHUTOUS, V.P., tekhn.red.

[Papers at a technical conference on design, construction, manufacture, and use of reinforced concrete poles for electric transmission lines and telephone communications, November 27-30, 1956]
Materialy nauchno-tekhnicheskoy konferentsii po proektirovaniyu, stroitel'stvu, proizvodstvu i ekspluatatsii zhelezobetonnykh opor liniy elektroperedachi i svyazi. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1957. 163 p.
(MIRA 11:6)

1. Nauchno-tekhnicheskaya konferentsiya po proyektirovaniyu, stroitel'stvu, proizvodstvu i ekspluatatsii zhelezobetonnykh opor liniy elektroperedachi i svyazi. Groznyy, 1956.
(Reinforced concrete construction) (Electric lines-Poles)

PETROVA, T.G.

Struggle against mortality of children from pneumonia. Pediatrics
no.9:77-79 S 1972. (MIRA 10:10)

1. Iz Ivantayevskoy detskey bel'nitsy Moskovskoy oblasti (glavnyy
vrach T.G.Petrova)
(PNEUMONIA)

PETROVA, T. G.

Proyektirovaniye promyshlennykh predpriyatiy (Designing industrial enterprises)
Moskva, Gos. Izd-vo Literatury po Stroitel'stvu i Arkhitekture, 1952.
198 p. illus., diags., tables.

At head of title: M. L. Zaslav, V. N. Zlatolinskiy, A. E. Levinson, T. G. Petrova,
G. N. Ufimtsev, P. M. Frenkel.

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.F8

NIKITIN, N.V., inzhener; PETROVA, T.G., arkhitekt; SHISHKIN, R.G.,
inzhener; MAKARYCHEV, V.V., kandidat tekhnicheskikh nauk;
MATSELIINSKIY, R.N., kandidat tekhnicheskikh nauk

Reinforced concrete ribbed panels for beamless floors of industrial buildings developed by the State Planning Institute of Industrial Construction and the Central Scientific Research Institute of Industrial Construction. Rats. i izobr. predl. v stroi. no. 81:8-10 '54. (MLRA 8:6)

1. Promstroyproyekt (for Nikitin, Petrova, Shishkin) 2.
TSentral'nyy nauchno-issledovatel'skiy institut promyshlenn-
nykh sooruzhenii (for Makarychev, Matselinskiy).
(Floors, Concrete)

L 23611-65 EWP(e)/EPA(e)-2/EWT(m)/EWP(w)/EPP(o)/EPP(n)-2/EWA(d)/EPR/EPA(w)-2/
T/EWP(t)/EWP(b) Pab-10/Pr-4/Pe-4/Pt-10/Pu-4 IJP(c) JD/WW/JG/MLK/WH

ACCESSION NR: AT5002782

S/0000/64/000/000/0204/0207

AUTHOR: Timofeyeva, Z.A.; Petrova, T.G.

TITLE: Physicochemical properties of molybdenum-rhenium alloys in microsections

SOURCE: Vsesoyuznoye soveshchaniye po probleme reniya. 2d, Moscow, 1962. Renty
(Rhenium); tridy soveshchaniya. Moscow, Izd-vo Nauka, 1964, 204-207

TOPIC TAGS: rhenium, rhenium alloy, molybdenum alloy, rhenium alloy mechanical
property, rhenium alloy powder metallurgy, arc melting, zone refining, rhenium alloy
conductivity, cast rhenium alloy, thermoelectromotive force

ABSTRACT: The work, carried out in collaboration with Ye. M. Savitskiy and M.A. Tytkina,
involved a study of cermet alloys containing 5, 10, 20, 30, 40, and 50% rhenium, as well
as alloys containing 30 and 50% rhenium and prepared by arc melting with and without
electronic zone refining. In order to find the optimum alloy compositions from the
standpoint of use as materials for elastic parts of instruments, the strength character-
istics and the elastic and electric properties of the alloys were investigated as a function
of the rhenium content. The best combination of physicochemical properties was
displayed by Mo-Re alloys containing 30 and 50% Re. It was found that microspecimens
of the cast alloy of Mo with 50% Re had higher mechanical properties than the cermet

Card 1/3

L 23611-65

ACCESSION NR: AT5002782

alloy of the same composition. Alloys containing 50 and 30% Re are recommended as materials for tension wires of instruments when such wires must combine the following properties: high strength and electrical conductivity, small thermo-emf relative to copper or aluminum, preservation of strength at high temperatures, etc. "The cermet alloys were prepared by S.I. Ipatova." Orig. art. has: 4 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 05Aug64

ENCL: 00

SUB CODE: MM

NO REF SOV: 000

OTHER: 000

Card 2/2

L 06477-57 EWP(j)/EWT(m) IJP(c) RM
ACC NR: AR6028232 (A)

SOURCE CODE: UR/0081/66/000/009/H043/H043

AUTHOR: Larin, N. A.; Petrova, T. G.

TITLE: Synthesis of certain light stabilizers from the class of benzophenone and trihydroxybutyrophenone derivatives

SOURCE: Ref. zh. Khimiya, Part I, Abs. 9Zh169

REF SOURCE: Sb. Sintez i issled. effektivn. stabilizatorov dlya polimern. materialov. Voronezh, 1964, 206-211

TOPIC TAGS: light absorption, stabilizer additive, UV absorption, ketone

ABSTRACT: In a search for light stabilizers for polymers (e. g., polyolefins), the Friedel-Crafts reaction was used to synthesize 2,4-(OH)₂C₆H₃C(O)Ph (I), 2,5-(OH)₂C₆H₃C(O)Ph (II), 3,4-(OH)₂C₆H₃C(O)Ph (III), 2,2',4,4'-tetrahydroxybenzophenone and also 3,4,5,2',4'- and 3,4,5,2',5'-pentahydroxybenzophenones, which, with the exception of II and III, proved to be good absorbers of UV light, but mixed poorly with the polymers. Reaction of alkaline solutions of I and II with alkyl halides produced the corresponding 2-OH-4-OR-C₆H₃C(O)Ph [IV, where R are n-alkyls from C₁ to C₁₀, iso-PrO, iso-BuO, sec-BuO, CH₂CH(Et)Bu, CH(Me)C₆H₁₃ and CH₂CHCH₂O] and 2-OH-5-ORC₆H₃C(O)Ph (R=Me, iso-Pr, Bu, C₈H₁₇). In addition, 2-OH-4-MeC₆H₃C(O)Ph, 4-OH-2-MeC₆H₃C(O)Ph, 2-OH-5-RC₆H₃C(O)Ph (R=Et, tert-Bu, iso-C₈H₁₇), and also 2,3,4-(OH)₃C₆H₂C(O)Pr and 2,4,6-(OH)₃C₆H₂C(O)Pr were obtained. The best stabilizers are

Card 1/2

L 06477-67

ACC NR: AR6028232

IV; in all the other cases the absorption maximum of the UV portion of the spectrum is displaced toward short waves. A. Shipov. [Translation of abstract]

SUB CODE: 07

Cord 2/2/11/22

RAKHMAN, M.Z.; PETROVA, T.I.; NIZKOVSKIY, N.N.

Effect of technological factors on the bond strength of stiff
double-ply butadiene-nitrile rubber. Kauch. i rez. 24, no. 11,
45-47 '65. (MIRA 1965)

1. Orenburgskiy zavod rezin -tekhnicheskikh izdeliy.

KOGAN, L.A.; YEFIMOV, G.P.; DERIBAS, A.T.; PETROVA, T.I.;
KATOLICHENKO, V.A., inzh., retsenzent; CRLOVA, I.A., inzh.,red.;
BOEROVA, Ye.N., tekhn.red.

[Demountable truck trailers and high-capacity containers]
Kontreilery i krupnotonnazhnye konteinery. Moskva
Izd-vo. -poligr. ob"ednienie m-va putei soobshchnia.
1962. 185 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii
institut zheleznodorozhnogo transporta. Trudy, no.238).(MIRA 15:11)
(Piggyback transportation)

KOGAN, Liber Ayzikovich; kand.tekhn.nauk; GOKHIDOM, Yevgeniy Naumovich;
VEKSLER, Vladimir Markovich; KHOTIN, Boris Mikheylovich;
Prinimali uchastiye: PETROVA, T.I., ANAN'YEVA, S.A.; TAL', K.K.;
BUTSKIY, A.M.; LOBOV, A.A. BOBKOVA, Ye.N., tekhn.red.

[Containers] Konteinery. Pod obshchei red. L.A.Kogana. Moskva,
Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia,
1960. 318 p. (MIRA 14:3)

(Railroads--Freight)

(Containers)

GENZER, M.S.; PETROVA, T.I.; FISHER, F.M., inzhener-khimik

Uniform coloring of capron reinforced cotton hosiery. Tekst.-
prom. 22 no.9:15-16 S '62. (MIRA 15:9)

1. Zamestitel' nachal'nika nauchno-issledovatel'skoy laboratorii
fabriki "Krasnoye znamya" .. (for Genzer). 2. Starshiy inzhener
nauchno-issledovatel'skoy laboratorii fabriki "Krasnoye Znamya" ..
(for Petrova). 3. Nauchno-issledovatel'skaya laboratoriya
fabriki "Krasnoye znamya" .. (for Fisher).
(Hosiery) (Dyes and dyeing)

15 4201

26990

S/138/61/000/005/004/006
A051/A129

AUTHORS: Novikov, A. S., Devirts, E. Ya., Esman, P. I., Petrova, T. K.

TITLE: The properties of soft butadiene-nitrile rubbers and the application of these in the production of rubber articles

PERIODICAL: Kauchuk i rezina, no. 5, 1961, 20 - 26

TEXT: In the last few years, butadiene-nitrile rubber (СКН-СКН) characterized by a high oil- and gasoline-resistance has been widely used in the rubber industry. However, its application is difficult due to its low initial plasticity (1,500 - 3,000 g according to Defoe). In 1955 the NIIRP began work on the production of a soft SKN-40 rubber not requiring mastication. While testing an experimental batch at the NIIRP and at the "Kauchuk" Plant, it was established that due to the application of the soft SKN-40 rubber with a hardness of 900 - 1,300 g the mechanical mastication stage is eliminated and the productivity of the mixing rollers is increased. However, the mixture of the SKN-40 rubber with a hardness of 900 - 1,300 g cannot be produced in the rubber-mixers. During 1959 - 60 experimental-industrial batches of soft butadiene-nitrile rubbers were produced of the following grades: СКН-18 (СКН), SKN-26 and SKN-40. The technological process for

Card 1/5

26990

S/138/61/000/005/004/006

A051/A129

The properties of soft butadiene-nitrile rubbers and...

the production of the soft SKN rubbers does not differ from mass-production, excepting a lower productivity of the drying unit. Experimental soft SKN rubbers were tested at the NIIRP and at rubber article plants. All the produced experimental batches correspond to GOST 7738-55 (GOST 7738-55) for mass-production SKN rubber in their chemical composition and have a much lower hardness (650 - 1,000 g) than the mass-produced rubbers (1,500 - 3,000 g). Comparison showed that experimental soft SKN-40 rubber is almost equivalent to Perbunan 3810 in its tear resistance, residual elongation, modulus, hardness, brittle temperature, thermal aging resistance, temperature resistance, swelling in a mixture of gasoline-benzene, and surpasses Perbunan 3810 in its relative elongation, rupture resistance, elasticity and frost resistance at -15°C . The experimental SKN-40 rubber surpasses also Heickar 1041 in the same indices as Perbunan 3810, and is also characterized by a much higher rate of vulcanization and higher values of tear resistance and moduli. The experimental soft rubber SKN-26 as compared to the English Heickar 1043 is characterized by a much higher rate of vulcanization and an elevated tear resistance. Compared to Perbunan 2810, the experimental soft SKN-26 has a somewhat higher rate of vulcanization and almost the same tear resistance in optimum vulcanization. The soft SKN-18 surpasses Paracryl AJ in its tear resistance and hardly differs at all from

Card 2/5

The properties of soft butadiene-nitrile rubbers and... 26990 S/138/61/000/005/004/006
A051/A129

it in other properties. The soft SKN rubbers were tested under industrial conditions used in commercial articles at the rubber article plants. The authors conclude that vulcanizates from soft SKN rubbers with a Defoe hardness of 700 - 1,000g compared to vulcanizates from mass-produced rubbers are characterized by a lowered rate of vulcanization, somewhat lowered values of tear resistance and moduli. The vulcanizates of the soft SKN-18 rubber have also a lower frost resistance coefficient and elasticity. All other properties are almost equivalent. By increasing the sulfur content or the accelerators, an increase in the rate of vulcanization is achieved for mixtures of soft SKN rubbers, and in improvement in the resistance properties of the vulcanizates based on them. Due to the use of soft SKN rubbers in the production of rubber articles the cumbersome and energy-consuming stage of mechanical mastication is eliminated and the output of the mixing rollers is increased. There are 3 graphs and 5 tables.

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti (Scientific Research Institute of the Rubber Industry) ✓

Card 3/5

SMIRNOVA-MONNIKOVA, M.I., kand. biol. nauk; VESNIKOVA, Ye.I.; PETROVA, T.S.

Accelerated method of quantitative determination of tryptophan
in the grain of corn and pulse crops. Trudy po prikl. bot.,
gen. i sel. 37 no. 1&169-171 '65 (M'EM 1961)

PETROVA, T.M.; MELOVA, V.F., and I. CHIL. DANK

Biochemical study of malt extract with the malting
properties of barley. Trudy po prikl. bot., ser. 1 ser.
37 no. 1:78-88 1965 (MIRA 19:1)

ZHUKOVA, M.N., prof.; ISTROVA, I.M., Far. Meditsinsk

Aneurysm of the abdominal aorta simulating tumor. *Urologiya* no. 1:51-53 1964.

1. Urologicheskaya klinika (rav. - prof. M.N. Zhukova) Institut usovershennstvovaniya vrachev, Leningrad.

ANISIMOVA, Ye.M.; PETROVA, T.M.; ZIL'BERT, N.I. (Stavropol')

Studying the hepatic function when selecting donors. Klin.med. 35
[i.e.34] no.1 Supplement:20 Ja '57. (MIRA 11:7)

1. Is Stavropol'skogo instituta vaktsin i syvorotok (dir. - kandidat
meditsinskikh nauk V.M.Kruglikov, nauchnyy rukovoditel' kandidat
meditsinskikh nauk V.V.Budylna) i Stavropol'skoy krayevoy stantsii
perelivaniya krovi (glavnyy vrach V.P.Parabina)
(BLOOD DONOR) (LIVER)

SMIRNOVA-IKONNIKOVA, M.I.; PETROVA, T.M.; MOKHNACH, V.O.

Amylose content of starch in seeds of grain and pulse crops. Dokl.
AN SSSR 140 no.2:485-488 S '61. (MIR 14:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut rasteniyevodstva.
Predstavleno akademikom A.I.Oparinym.
(Amylose) (Grain) (Legumes)

PETROVA, T. N.

KISTLEV, I.N.; PETROVA, T. N.

Scientific ties between U.S.S.R. and Japan. Vest. AN SSSR 27
no.6:67-72 Je '57. (MLRA 10:7)
(Russia--Relations (General) with Japan)
(Japan--Relations (General) with Russia)

ALIMARIN, I.P.; FADEYEVA, V.I.; PETROVA, T.N.

Gravimetric determination of scandium with phenylphosphinic acid.
Zhur.anal.khim. 16 no.5:549-550 S-S '61. (MIRA 14:9)

L. Lomonosov Moscow State University.
(Scandium--Analysis) (Phosphinic acid)

1. ZHUKOVSKIY, A. V., PETROVA, T. N.
2. USSR (600)
4. Moths
7. New data on the biology of the columnar moth *Oncocnemidomia* sp.
Zool. zhurn. 31 No. 5, 1952
9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

BLAGOVESHCHENSKIY, A. V.; MAISHNEVA, N. V.; PETROVA, T. P.

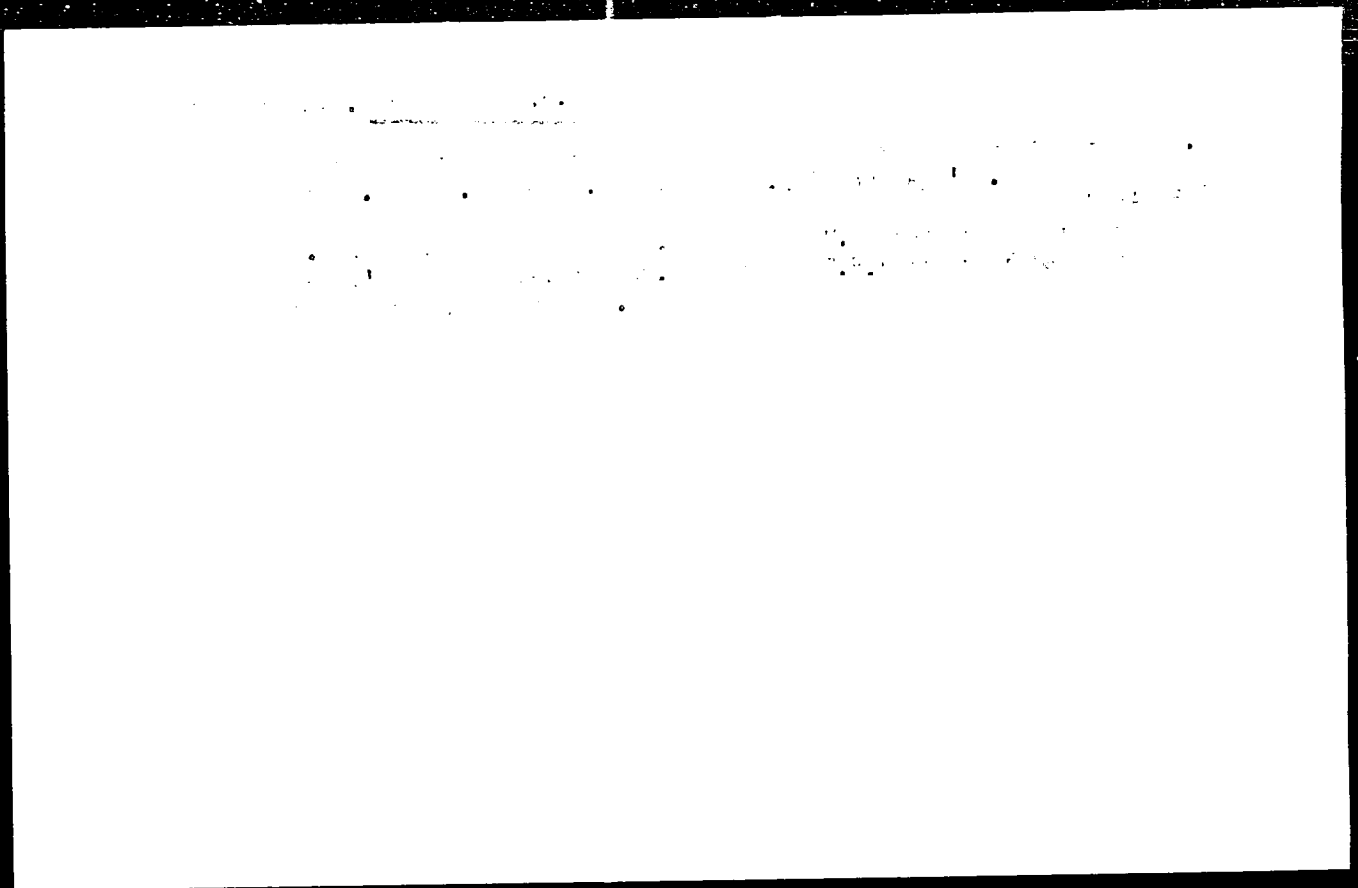
Activity and quality of catalase in plants of the families
Boraginaceae, Labiatae and Umbelliferae. Biol. Glav. bot.
sada no. 47:48-53 1962. (MIRA 16:1)

1. Glavnyy botanicheskiy sad AN SSSR.

(Catalase) Borage: (Mint Botany))
(Umbelliferae)

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240610004-3



APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001240610004-3"

PETROVA, T. (1910-1970)

Illegible text, possibly a title or subtitle, followed by a line of text that appears to be a date or reference number.

Illegible text, possibly a name or title, followed by a line of text that appears to be a date or reference number.

PETROVA, T.R. (Krasnodar)

Effect of butadione in lymphogranulomatosis and chronic leukemia.
Sovet. med. 26 no.5:123-127 My'63 (MIRA 17:1)

1. Iz kafedry fakul'tetskoy terapii (zav. - dotsent T.R. Petrova)
Kubanskogo meditsinskogo instituta.

PETROVA, T.R.

Importance of dispensary service for reducing morbidity with
temporary disability among machine-tractor station workers. Sov.
zdrav. 17 no.3:13-19 Mr '58. (MIRA 11:4)

1. Iz Instituta organizatsii zdavookhraneniya i istorii meditsiny
imeni N.A.Semashko (dir. Ye.D. Ashurkov) i gosnital'noy
terapiyicheskoy kliniki (i.o. zaveduyushchego kafedroy-dotsent D.M.
Korobov) Kubanskogo meditsinskogo instituta.

(OUTPATIENT SERVICES

value for decrease of morbidity of machine-tractor station
workers (Rus)

PETROVA, T.A., kand. med. nauk

Active detection of war neuroses in the army and the organization of their treatment. Moscow, 1963.

1. Iz gosital'noy terapii... Bogdanov) Kubanskoye i Stavropolskoye kraia.

PETROVA, T.R. (Krasnodar)

Grouping of patients with diseases of the internal organs treated
at a dispensary. Vrach. delo no.9:98-101 S '60. (MIRA 13:9)

1. Kafedra gospi'tal'noy terapii zav. - dotsent V.Ye. Bogdanov)
Kubanskogo meditsinskogo instituta.
(MEDICINE, INTERNAL)

PETROVA, T.k., kand.med.nauk; SMELOVA, V.L.

Isolanide treatment of chronic circulatory insufficiency. Vrach.
delo no.6:147-148 Je '61. (MIRA 15:1)

1. Gosptal'naya terapevticheskaya klinika (zavedushchiy - dotsent
V.Ye.Bogdanov) Kubanskogo meditsinskogo instituta.
(BLOOD__CIRCULATION, DISORDERS OF) (GLYCOSIDE)

PETROVA, T.R., kand. med. nauk

Hypertension incidence among the rural population and its
treatment and prophylaxis. Nauch. trudy Kub. gos. med. inst. 1962.
135-141 '62. (MIRA 19.8)

.. iz kafedry gosital'noy terapii (zaveduyushchiy -- dozent
V.Ye. Bogdanov) Kubanskogo gosudarstvennogo meditsinskogo
instituta.

PETROVA, T.R.; YAGODKIN, S.I.

Clinical and diagnostic aspects of osteosclerotic myeloleukosis.
Probl.gemat.i perel.krovi no.3:12-15 '62. (MIRA 15:3)

1. Iz kafedry fakul'tetskoy terapii (i. o. T.R. Petrova) Kuban-
skogo meditsinskogo instituta.
(LEUKEMIA)

PETROVA, T.R.; KOSOVA, K.P.

Eruption of pulmonary tuberculoma into the aorta with final
miliarization [with summary in French]. Probl.tub. 35 no.4:116-118
'57. (MLRA 10:8)

1. Iz kafedry fakul'tetskoy terapii (i.o. zav. - dotsent A.A.
Gol'denshteyn) i kafedry patologicheskoy anatomii (zav. - dotsent
G.P.Milash) Kubanskogo meditsinskogo instituta
(LUNG DISEASES, compl.
tuberculoma, eruption into aorta & terminal
miliarization (Rus))

PETROVA, T. R.: Master Bel'skiy (film) -- The dispenser service for the
with diseases of the internal organs in rural localities (on the experience
Kuraninskoye Raion, Krasnodar Krai). Krasnodar, 1954. 1 pp. (Mir Zdrav
RSFSR, Federal State Med Inst. B. Bel'arskiy), 210 copies. (Pl. No. 1, 1954, 10)

PETROVA, T.R., vrach

Case of DDT poisoning. Gig. i san. no.8:51-52 Ag '55.(MLRA 8:10)

1. Iz Kurganinskoy rayonnoy bol'nitsy Krasnodarskogo kraya.
(DDT, poisoning,
case report)
(POISONING,
DDT, case report)

PETROVA, T.R.; GRUSHKO, B.N.(Krasnodar)

Dispensary services for the rural population. Klin.med.
33 no.7:3-6 J1 '55. (MLRA 8:12)

1. Iz Kurganinskoy rayonnoy bol'nitsy Krasnodarskogo kraya.
(OUTPATIENT SERVICES,
rural in Russia)

AID P - 2637

Subject : USSR/Medicine
Card 1/1 Pub. 37 - 14/22
Author : Petrova, T. R., Physician
Title : A case of poisoning by DDT (compound)
Periodical : Gig. i san., 8, 51-52, Ag 1955
Abstract : Describes a case of poisoning from inhalation of DDT insecticide and demonstrates its high toxic effect on the nerve center. Strict protective measures for persons working with DDT are recommended.
Institution : Kurganinsk Regional Hospital, Krasnoyarsk Oblast'.
Submitted : F 1, 1955

PETROVA, T.S., otv. za vypusk; KHITROV, P.A., tekhn.red.

[Rate manual] Tarifnoe rukovodstvo. Moskva, Gos.transp.znesh-der.
izd-vo. No.10-B. [Unified international passenger rates according
to an international passenger traffic agreement. Effective as of
January 1, 1960] Edinyi mezhdunarodnyi passazhirskii tarif k sogla-
sheniiu o mezhdunarodnom passazhirskom soobshchenii. Deistvuet s
1 ianvaria 1960 g. 1960. 283 p. (MIRA 13:3)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya.
(Railroads--Rates)

PETROVA, T. S.

USSR/Chemistry

Card 1/1

Authors : Bruns, B. P., Savitskaya, E. M., and Petrova, T. S.

Title : Quantitative determination of oxygen dissolved in a cultured antibiotics liquid.

Periodical : Zhur. Anal. Khim, 9, Ed. 1, 42-46, Jan-Febr. 1954

Abstract : Proposal was made for the construction of an electrolytic cell for the determination of oxygen dissolved in liquid. The method of determining the amount of oxygen dissolved in a cultured antibiotics liquid is described. There are two major difficulties in determining oxygen in a cultured liquid: 1) during and after the removal of the cultured liquid sample from the fermentation vessel there is a continuous oxygen absorption resulted by the breathing of the microorganism. 2) The second difficulty is that the taken sample should not come in contact with the gaseous phase neither during transfer into the electrolytic cell nor in the cell proper, otherwise there will be absorption or escape of the oxygen. Three references. Graphs.

Institution : All-Union Scient-Research Institute of Antibiotics, Moscow

Submitted : July 7, 1953

PETROVA, T.V.

Increasing the resistance of potato plants to Phytophthora
infection under the influence of copper and boron.

Uch.zap.Petrozav.gos.un. 1. no.4:29-35 '64.

(MIA 19:1)

1. Kafeina botaniki i fiziologiya Petrozavskogo gosudarstvennogo universiteta.

ALIMARIN, I.P.; BILIMOVICH, G.N.; BUSEV, A.I.; VAYNSHTEYN, E.Ye.; VOLYNETS, M.P.; GORYUSHINA, V.G.; DYMOV, A.M.; YELINSON, S.V.; ZVIAGINTSEV, O.Ye.; KOLOSOVA, G.M.; KORCHEMNAYA, Ye.K.; LEBEDEV, V.I.; MALOFEYEVA, G.A.; MELENT'YEV, B.N.; NAZARENKO, V.A.; NAZARENKO, I.I.; PETROVA, T.V.; POLUEKTOV, N.S.; PONOMAREV, A.I.; RYABUKHIN, V.A.; STROGANOVA, N.S.; CHERNIKHOV, Yu.A.; VINOGRADOV, A.P., akademik, otv. red.; RYABCHIKOV, D.I., doktor khim. nauk, prof., otv. red.; GUS'KOVA, O., tekhn. red.

[Methods for the determination and analysis of rare elements] Metody opredeleniia i analiza redkikh elementov. Moskva, 1961. 667 p.

(MIRA 14:7)

1. Akademiya nauk SSSR. Institut geokhimii i analiticheskoy khimii.
(Metals, Rare and minor)

BASARGIN, N.N.; PETKOVA, T.V.

Spectrophotometric study of the complex formation of titanium
(IV) with 1,7-dichlorochromotrolic acid. Zhur. anal. khim. 19
no.7:835-841 1961. (MIRA 12:11)

I. Vernadsky Institute of Geochemistry and Analytical Chemistry,
U.S.S.R. Academy of Sciences, Moscow.

SOV/75-14- 4-3/30

5(2)

AUTHORS: Kuznetsov, V. I., Petrova, T. V.

TITLE: Thermospectrophotometric Determination of Rare Earths in the Presence of Thorium

PERIODICAL: Zhurnal analiticheskoy khimii 1959, Vol 14, Nr 4, pp 404 - 410 (USSR)

ABSTRACT: Direct chemical determination of rare earths in the presence of thorium, which has been impossible so far, can be carried out with the help of thermospectrophotometry. Thermospectrophotometry is based on the fact that the same sample is photometrically recorded at two different temperatures. If two elements only are present in the solution, and if at a change of temperature the light absorption of the complexes of these two elements changes unequally, two different values of the optical density are obtained for both temperatures, and the content of each element can be determined from two equations with two unknowns. Figure 1 shows graphically the influence exercised by the pH-value on the color intensity of solutions of complex compounds which are formed by reagents of the R-OH type. With increasing temperature, the maximum of these curves

Card 1/3

Thermospectrophotometric Determination of Rare Earths in the Presence of Thorium SOV/75-14-4-3/30

shifts towards smaller pH-values. With an increase of the pH-value, the intensity of the coloring reduces, probably as a result of the decrease of the intramolecular dissociation of the cyclic complexes rather than in consequence of a decomposition of the complexes, as sometimes put forward. When heating a complex solution with a pH-value to which a point on the ascending branch of the curve corresponds, the intensity of the coloring increases. Contrary to it, at a pH-value to which a point on the descending branch of the curve corresponds, the color intensity of the hot solution is less than that of the cold solution. For the thermospectrophotometric determination of rare earths in the presence of thorium, the authors used arsenazo (benzene-2-arsonic acid-(1-azo-7)-1,8-dihydroxynaphthalene-3,6-disulfonic acid) as a reagent, which forms soluble complex compounds with thorium and rare earths. When heating such complex solutions with pH 3.7 from 20° to 80°, the optical density of the thorium complex does not change at 576 mμ, while the optical density of the complexes of rare earths increases by 1.9-2.9 times (lanthanum and ytterbium, respectively) If the substances are photometri-

Card 2/3

Thermospectrophotometric Determination of Rare Earths SOV 75-14-1-336
in the Presence of Thorium

cally recorded at 20° and 80° , and a calibration curve is used, it is possible to determine quantitatively rare earths in thorium preparations, beginning with contents of 1.2% (counted as oxides). The error in the determination is 7% at 1.2% TR_2O_3 in ThO_2 , and 1% at 15% TR_2O_3 . A diagram of the apparatus used for the determination is shown and explained in the paper, a hot-stage cuvette is also shown. The results of the thermospectrophotometric determination of the sum of rare earths in the presence of thorium are shown in a table. The accomplishment of the determination and the plotting of the calibration curve are described in all details. There are 7 figures, 1 table, and 22 references, 8 of which are Soviet.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo
AN SSSR, Moskva (Institute of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy, AS USSR, Moscow)

SUBMITTED: May 28, 1958

Card 3/3

YUROVA, L.N.; KHRONOV, V.V.; MYHTSYMOVA, L.A.; POLYAKOV, A.A.; PETROVA, T.Ye.

Investigation of the performance of a proportional neutron
counter filled with boron trifluoride. Nek.vop.inzh.fiz.

no.3:65-73 '58. (MIRA 12:5)

(Neutrons--Measurement) (Nuclear counters)

VOLODIN, A.; IVANOVA, T.; ZHITEL'EV, S.; ZAYTSEVA, T.; GATCHINSKIY, M.;
LOTSEV, I.; PETROVA, V.; ZHUKOV, Ya.

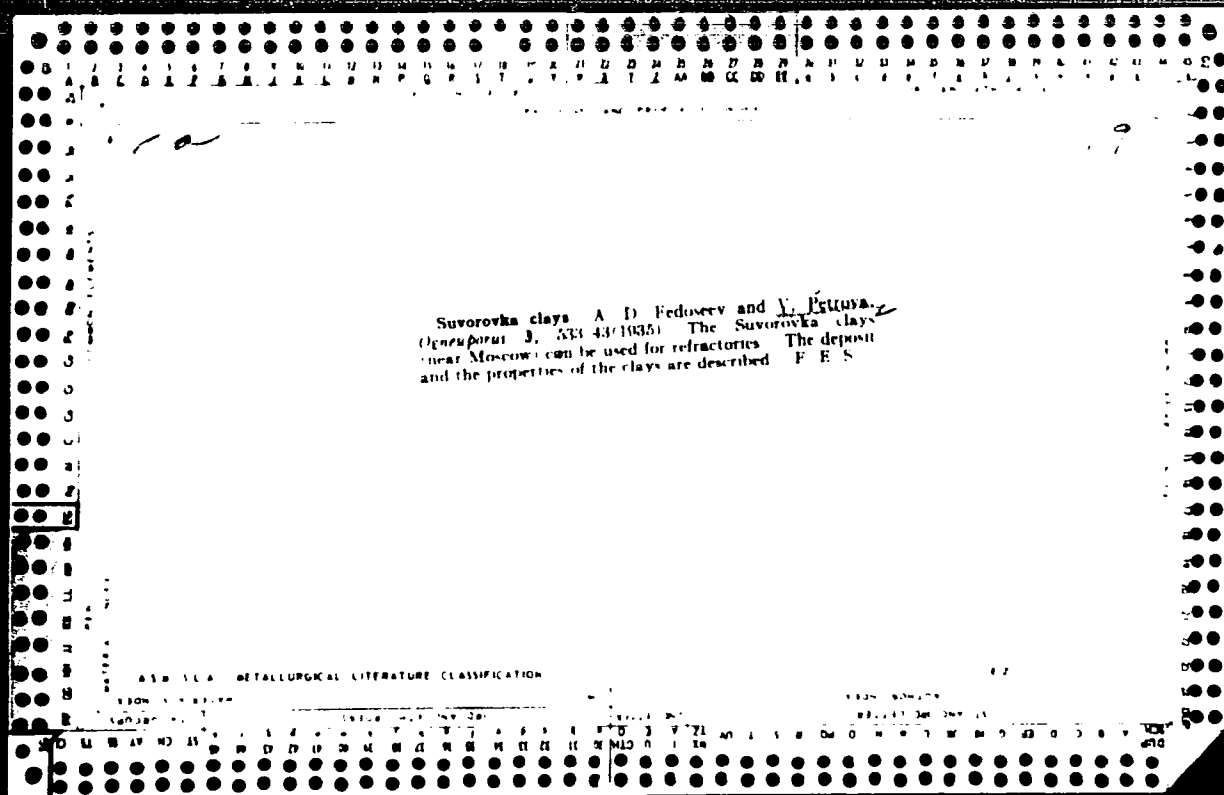
You are in Leningrad. Mest.prom.i khud.promys. 2 no.2:5-15 F
'61. (MIRA 14:4)

1. Glavnyy inzhener Leningradskoy fabрики po remontu i poshivu
obuvi No 1 (for Petrova).

2. Direktor fabрики "Muzradio" (for Zhukov).

(Leningrad--Service industries)

1ST AND 2ND LETTER																										3RD AND 4TH LETTER																										5TH AND 6TH LETTER																									
AUTHOR INDEX																										SUBJECT INDEX																										CROSS-REFERENCE INDEX																									
<i>e</i> Fedoseev, A. D., and Petrova, V. SUVOROVKA CLAYS <i>Известия, 3, 531-53 (1965)</i>. The Suvorovka clays (near Moscow) can be used for refractories. The deposit and the properties of the clays are described.																																																																													



PETROVA, Vera

Phytoplankton in the Black Sea along the Bulgarian shore in
1958-1960. Izv Inst ribarstva BAN 5:5-32 '64.

PETROVA, V.

~~Methods for analyzing the profits of an industrial enterprise.~~
Bukhg.uchet 16 no.2:17-23 P '57. (MLRA 10:2)
(Profit) (Accounting)

PETROVA, Viara, nauchen sutrudnik (Varna)

Phytoplankton as a first link in the food chain of fishes. Prir i
znanie 12 no.7:9-10 S '59. (EEAI 9:10)

1. Institut po ribarstvo, Varna
(Phytoplankton) (Fishes)

LOVACHEVA, G., inzh.-tekhnolog; LIKHACHEVA, A., inzh.-tekhnolog; PETROVA, V.,
inzh.-tekhnolog

Use of electric cookers. Obshchestv. pit. no.11:42-43 N '58.
(MIRA 11:12)
(Electric cookery)

PETROVA, V.

Fedoseev, A. D., and Petrova, V. CHERPOVKA CLAYS
Chernopol', 1961. 13:191-2. The Chernopol' clays (near
Moscow) can be used for the production of the deposit and
the properties of the clay are described.

1ST AND 2ND COLUMNS
PROCESSIES AND PROPERTIES INDEX
1ST AND 2ND COLUMNS

ca

Oxidation of exhaust gases of internal-combustion engines. V. A. Petrov. *Novosti Tekhniki* 1930, No. 37-38, 20-3. Construction details of an app. are given. "Copper-halit," a granular mixt. of MnO and CuO (7:8 and 6:4), is used as the catalyst for the oxidation of CO and CO₂.

A. A. Podgorny

21

1ST AND 2ND COLUMNS

1ST AND 2ND COLUMNS

1ST AND 2ND COLUMNS

VASIL'KOVA, I.V.; ZAYTSEVA, N.D.; PETROVA, V.A.

Systems $\text{RbCl} - \text{WCl}_6$, $\text{RbCl} - \text{WCl}_5$, $\text{CsCl} - \text{WCl}_6$, and $\text{CsCl} - \text{WCl}_5$.
Zhur. neorg. khim. 8 no.10:2369-2371 O '63. (MIRA 16:10)

(Tungsten chlorides) (Alkali metal chlorides) (Systems (Chemistry))

CA

17

New volumetric semimicro determination of pyrazol
done V. M. Cherkasov and V. A. Petrova (Sverdlovsk
Control Anal. and Sci. Research Lab. of the Sverdlovsk
Regional Drug Admin.) *Zhur. Anal. Khim.* 5, 305-7
(1980) Pyrazinone was detd. by oxidizing it with pen-
tavalent V and titrating back with $(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2$. The
reaction should be carried out in 8-10 N H_2SO_4 . In detg.
0.0080-0.0170 g. the abs. error was 0-0.0002%.

M. Honeh

Antiscorbutic vitamin content in certain varieties of Michurin fruits V. A. Petrova, K. I. Poyolotskaya and N. P. Omokhova. *Tr. Vsesoyuzn. Nauch. Issled. Inst. Vost. Razv.* 1956, Suppl. 84, *Vitamin Problems II*, 112-113. The many varieties of the different fruits selected and bred by Michurin vary in their vitamin C content. Of the apples, Antonovka, Kulon, Koranka, Vasilisa, Kitanka and Pomon Kitanka varieties are a good source of vitamin C. The pear Dush Blank proved to be equal in its vitamin power to the apple Antonovka. The pear Bere was poor in vitamins. The cultivated mountain ash berries have a lower vitamin content than the wild growing varieties. The bird cherry has practically no vitamin. The Michurin plums contain very little vitamin. The *U. rosae* berries have a high vitamin content. The wild rose, sweet briar or dog rose contain large quantities of vitamin C. U. S. Hoff.